



- ▶ Chip-on-submount (CoS) for Vertical-External-Cavity Surface-Emitting Laser
- ▶ For R&D laser systems
- ▶ Broad coverage of wavelengths in stock and custom items on request
- ▶ High power

Wavelength	In stock: 800–1400 nm + 1950–2100 nm In development (available on demand): 700–800 nm + 1400–1950 nm
CW power	1–70 W (maximum output depends on the available pump and cooling power)
Tuning	Typical ~10 THz around the center wavelength
Usable chip area	Typical ~1.5 mm in diameter
Antireflection coating	Chips are delivered coated. Without coating on request.
Required pump laser depends on the output wavelength, eg.:	808 ± 10 nm for 900 – 1400 nm output 980 ± 10 nm for 1950–2100 nm output 640 nm for 800 – 900 nm output 530 nm for 700 – 800 nm output
Efficiency	Typically 25–40% optical-to-optical
Cooling	Mounted on customer or VEXLUM mounts

